

Abstract of the Disclosure

A ballistic panel is provided for being incorporated into a lightweight soft body-armor product adapted for covering an area of the body. The ballistic panel includes an assembly of woven fabric plies with warp and fill yarns formed of bundled Poly (p-phenylene-2, 6-benzobisoxazole) fibers. The plies have a collective areal density of no greater than 1.0 pounds per square foot, and a V50 ballistic limit of no less than 1925 feet per second using a .22 caliber, 17 grain FSP at 0 degrees obliquity.